Time Subtraction - How to Subtract Hours and Minutes?

FREE Worksheet - 2

Time: 10 minutes

(Detailed solutions at the end)

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1. Gina cycled 4 h 15 min indoor.

   She cycled 2 h 30 min outdoor.

   How much longer did she cycle indoor than outdoor?

Answer: _____

2. Miriam took 5 h 30 min to sort out photos and arrange them in an album.

   She took 3 h 25 min to sort out the photos.

   How long did she take to arrange them in the album?

Answer: _____

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3. Freddy took 4 h 35 min to prepare a presentation.

   Keenan took 2 h 5 min to prepare the presentation.

   How much longer did Freddy take than Keenan to prepare the presentation?

Answer: _____

4. Mrs. Campbell opens her cafe for 4 h 30 min for dinner.

   She also opens it for 3 h 10 min for lunch.

   How much longer does she open the cafe for dinner than for lunch?

Answer: _____

SOLUTIONS

Problem 1

We have to find out:
4 h 15 min − 2 h 30 min = ?

First, subtract the minutes.

We cannot subtract 30 min from 15 min.
So, we regroup 4 h 15 min.

15 min − 30 min = ?

Regroup 4 h 15 min.
4 h 15 min = 3 h 75 min

Then, subtract.

4 h 15 min − 2 h 30 min	=	3 h 75 min − 2 h 30 min
	=	1 h 45 min

She cycled ***1 h 45 min*** longer indoor than outdoor.

Problem 2

We have to find out:
5 h 30 min − 3 h 25 min = ?

First, subtract the minutes.
30 min − 25 min = 5 min

Then, subtract the hours.
5 h − 3 h = 2 h

So,
5 h 30 min − 3 h 25 min = 2 h 5 min

She took ***2 h 5 min*** to arrange them in the album.

Problem 3

First, subtract the minutes.
35 min − 5 min = 30 min

Then, subtract the hours.
4 h − 2 h = 2 h

So,
4 h 35 min − 2 h 5 min = 2 h 30 min

Freddy took ***2 h 30 min*** longer than Keenan to prepare the presentation.

Problem 4

We have to find out:
4 h 30 min − 3 h 10 min = ?

First, subtract the minutes.
30 min − 10 min = 20 min

Then, subtract the hours.
4 h − 3 h = 1 h

So,
4 h 30 min − 3 h 10 min = 1 h 20 min

She opens the cafe ***1 h 20 min*** longer for dinner than for lunch.